

# Work Order ID 55057



January 5, 2010 2:23:37 PM


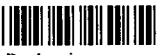



Page 1

Item ID: D2001-4 Accept  Setup Start   
 Revision ID: Stop   
 Item Name: Valve Assembly (1/4")  
 Start Date: 1/05/10 Start Qty: 4.00  Cust Item ID:  
 Required Date: 1/15/10 Req'd Qty: 4.00  Customer:

## Reference:

Approvals: Process Plan: CL Date: 10/01/05 Tooling: Date: Run Start   
 QC: Date: SPC (Y/N): Date: Stop 

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b>	<b>Revision Nbr</b>								
D2001	Rev C								
100		0.00							
	PURCHASING								
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>11028</u>								
	P/N: 76-101-32 (1/4 NPT)								
	Possible Supplier: Flo-Control Inc.								
	Material release note is required								
110		0.00							
	Receive & Inspect for Damage & Mat'l Certs								
Packaging	Memo	0.00							
Packaging	Ensure Material Release Note is attached								
120		0.00							
	QC6- Inspect dimensions to drawing								
QC	Memo	0.00							
Quality Control									

CL 10/01/05 (4)

CL 10/1/13 (4)

⇒ 8 10/01/13

(+4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 55057**

January 5, 2010 2:23:37 PM

Page 2

Item ID: D2001-4

Accept

Setup Start

Revision ID:

Stop

Item Name: Valve Assembly (1/4")

Start Date: 1/05/10 Start Qty: 4.00

Cust Item ID:

Required Date: 1/15/10 Req'd Qty: 4.00

Customer:

Reference:

Run Start

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

Remove existing ID numbers and replace with Dart P/N &amp; B/N

10/01/14 (4)

140

0.00



QC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

0.00

=> 8/10/06/14

(4)

150

0.00



Packaging

Identify as per dwg &amp; Stock Location: 552

Memo

0.00

Packaging

1/4/14 (4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

**Work Order ID 55057**

January 5, 2010 2:23:37 PM



Page 3

Item ID: D2001-4

Accept



Setup Start



Revision ID:

Stop



Item Name: Valve Assembly (1/4")

Start Date: 1/05/10 Start Qty: 4.00



Cust Item ID:

Required Date: 1/15/10 Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/01/14 *[Signature]*  
MF  
10-1-14

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

January 5, 2010 2:23:36 PM

Page 1

Work Order ID: 55057



Parent Item: D2001-4



Parent Item Name: Valve Assembly (1/4")

Start Date: 1/05/10

Required Date: 1/15/10

Comments:

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
76-101-32 - A ?  VALVE		Purchased	No			110	Each	0.0000	4.0000 		1/10/11/3	(4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

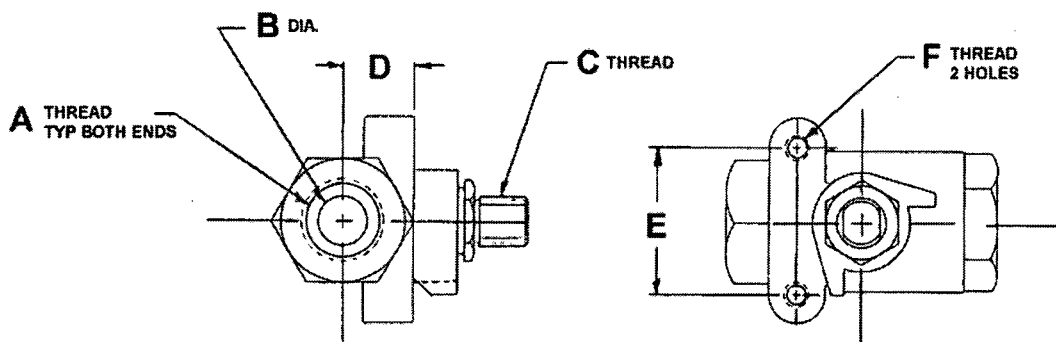




DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2001	REV. C SHEET 1 OF 1
DATE 04.07.06		TITLE VALVE ASSEMBLY	SCALE NTS
-	90.04.02	NEW ISSUE	
A	92.05.12	-043 ADDED	
B	96.04.10	DART P/N CHG,041-6,042-12,ADD -16	
C	04.07.06	ADD D2001-4	

RELEASED  
04.07.06 *[Signature]*

## SPECIFICATION CONTROL DRAWING



Dart P/N	Apollo P/N	A	B	C	D	E	F
D2001-4	76-101-32	1/4 NPT	0.370	3/8-24 NF	0.56	1.120	10-24 UNC
D2001-6	76-102-04	3/8 NPT	0.370	3/8-24 NF	0.56	1.120	10-24 UNC
D2001-8	76-103-01	1/2 NPT	0.500	3/8-24 NF	0.60	1.120	10-24 UNC
D2001-12	76-104-01	3/4 NPT	0.680	7/16-20 NF	0.79	1.370	10-24 UNC
D2001-16	76-105-01	1 NPT	0.870	7/16-20	0.99	1.370	10-24 UNC

### NOTES:

- 1) POSSIBLE SUPPLIER: FLO-CONTROL INC. OR APOLLO VALVE DIVISION
- 2) DISCARD HANDLE AND ATTACHING NUT, EXCEPT FOR D2001-4
- 3) CHECK DIMENSION SHOWN ON THIS DRAWING
- 4) REFERENCE INFORMATION:

MATERIAL: 316 STAINLESS STEEL  
INVESTMENT CAST COMPONENTS  
MEETS NACE-MR-01-75  
MEETS WW-V-35C TYPE II, COMP SS, STYLE 3  
PRESSURE RATING: 2000 PSI @ 100°F  
150 PSI @ 400°F

- 5) IDENTIFY WITH DART P/N & B/N USING FINE POINT PERMANENT INK MARKER

*Colloidos  
w/o:*

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Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO11028**

Purchase Order Date 1/05/10

PO Print Date 1/05/10

Page Number 1 of 1

**Order From :**

VU-FL0001

FLO-CONTROL INC.  
80 CENTER RD.  
CARTERSVILLE, GA 30121  
US

**FXED**  
*Stock 1/05*

**Contact Name**  
**Vendor Phone** 770 382 0006  
**Vendor Fax** 770 382 0161  
**Vendor Account Nbr**

**Buyer** Chantal Lavoie  
**Requisition Nbr**  
**Tax Resale Nbr** 10127-2607  
**Terms** Net 30  
**Currency** USD  
**FOB**

**Ship To :** DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	76-101-32	VALVE	1/12/10 Yes	4.00 Each	FedEx PI ppd	\$46.7539	\$187.0

**Special Inst:** AS PER DWG D2001 REV. C  
B55057  
P/N: APOLLO 76-101-32

**PO Total:** \$187.0

CERTIFICATE OF CONFORMITY  
REQ'D UPON DELIVERY

**Change Nbr:** 1

**Change Date:** 1/05/10

*lu cl*  
No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Sold to: FLO-CONTROL INC 80 CENTER RD CARTERSVILLE UNITED STATES GA 30121		Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY CANADA ON K6A1K7		** ORIGINAL ** Pieces: 1 Packed By: RUSTYC Weight: 6.32 Pack Date: 1/07/10 PPD/COL: C Shipped By: BOBBYP Ship Date: 1/08/10 PRO# ASN#		
Customer Number: 01004667	Customer Order: 62953	Order Number: C548405	Date Received: 1/06/10	Salesman: 4	Ship Via/Instructions: FG01 FDX ACCT# 15179324-0	
Line Number	Part Number	Part Description	Quantity Ordered	Quantity Shipped	Unit	Customer Part Number / Comments
1000	7610132A	BV, 1/4"NPT, SS, SS TEE HNDL	4	4	EA	
1049	CERTIF01	CERTIFICATE OF COMPLIANCE	1	0	EA	Certificate of Compliance N/C
SHIPPING LOCATION: PAGELAND DISTRIBUTION CENTER 1418 S. PEARL ST. PAGELAND, SC 29728						
8 106113						

PACKING SLIP